





PLATING.										RIVETING.									
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.		BUTTS.										
	AMIDSHIP.	FORWARD.	AFT.	THICKNESS.	BREADTH.	THICKNESS.	SINGLE OR DOUBLE.	BREADTH OF LAP.	RIVETS.		STRAPS.		IF LAPPED.						
									DIAM.	SPACING.	BREADTH.	THICKNESS.							
FLAT PLATE KEEL.....	20	18	14	14	51	20	Double	6 3/4	1 1/2	3 1/2	1 1/2	3 1/2	1 1/2	12 3/4					
Garboard or A Strake...	18	14	14	14	15	15	"	6 3/4	1 1/2	3 1/2	1 1/2	3 1/2	1 1/2	12 3/4					
B " "	14	14	13	14	14	14	"	6 3/4	1 1/2	3 1/2	1 1/2	3 1/2	1 1/2	12 3/4					
C " "	14	14	13	14	14	14	"	6 3/4	1 1/2	3 1/2	1 1/2	3 1/2	1 1/2	12 3/4					
D " "	14	14	14	14	14	14	"	6 3/4	1 1/2	3 1/2	1 1/2	3 1/2	1 1/2	12 3/4					
E " "	14	13	15	14	14	14	"	6 3/4	1 1/2	3 1/2	1 1/2	3 1/2	1 1/2	12 3/4					
F " "	15	11	15	15	15	15	"	6 3/4	1 1/2	3 1/2	1 1/2	3 1/2	1 1/2	12 3/4					
G " "	16	11	15	16	16	16	"	6 3/4	1 1/2	3 1/2	1 1/2	3 1/2	1 1/2	12 3/4					
H " "	15	11	15	15	15	15	"	6 3/4	1 1/2	3 1/2	1 1/2	3 1/2	1 1/2	12 3/4					
J " "	15	11	14	15	15	15	"	6 3/4	1 1/2	3 1/2	1 1/2	3 1/2	1 1/2	12 3/4					
K " "	15	11	12	15	15	15	"	6 3/4	1 1/2	3 1/2	1 1/2	3 1/2	1 1/2	12 3/4					
L " "	15	11	12	15	15	15	"	6 3/4	1 1/2	3 1/2	1 1/2	3 1/2	1 1/2	12 3/4					
M " "	15	11	12	15	15	15	"	6 3/4	1 1/2	3 1/2	1 1/2	3 1/2	1 1/2	12 3/4					
N " "	15	12	14	15	15	15	"	6 3/4	1 1/2	3 1/2	1 1/2	3 1/2	1 1/2	12 3/4					
O " "	17	12	11	17	17	17	"	6 3/4	1 1/2	3 1/2	1 1/2	3 1/2	1 1/2	12 3/4					
Sheer P " "	20	18	12	20	20	20	"	6 3/4	1 1/2	3 1/2	1 1/2	3 1/2	1 1/2	12 3/4					
Q " "																			
R " "																			
DOUBLING OF PLATE KEEL																			
Length of Bilges.....																			
Length of Sheerstrakes.....																			
Length of Strake below Poop Sides.....																			
BRIDGE SIDES.....																			
FORECASTLE SIDES.....																			

Manufacturer's name or trade mark of the Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c. *Wiemers Martin, Frames Glasgow & Co. Ltd.*

Has the Steel been tested as required by the Rules? *Yes.*

FRAMES extend in one length from *margin plate to gunwale*

REVERSED FRAMES on floors and frames extend from *margin plate to bottom of L. D. keel knees on every frame.*

all reverse bars extend to *L. D. keel knees, and alternate rev. bars to upper & lower keel.*

MASTS, SPARS, &c. *to upper main deck*

Lower Masts.....	Fore	Main	Material.	Total Length.	DIAMETER AND THICKNESS.		No. of Plates in round.	ANGLES.		RIVETING.
					Head.	Heel.		Number.	Size.	
Fore	130.2	30 x 14	Steel	23 x 32	14 x 32	3	3	4.32 x 1/2	Single	
Main	30 x 14	30 x 32	Steel	13 x 32	13 x 32	3	3	4.32 x 1/2	Double	

Boomsprit..... *to upper main deck*

Topmasts, Yards and Remainder of Spars..... *to upper main deck*

Rigging, Material and Size, Shrouds..... *to upper main deck*

Sails, one complete..... *to upper main deck*

Sails, and the following spare sails..... *to upper main deck*

EQUIPMENT No. 09374 LETTER *e4* ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.		WEIGHT OF STOCK.		TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE 22.		Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	qrs.			
50749	1st Bower	20	1	20	20	20	20	20	20	Ball's Cast	King's Dockyard, 25 Dec. 03	
50740	2nd "	20	1	20	20	20	20	20	20	Ball's Cast	" " " " 21 "	
50741	3rd "	24	2	24	24	24	24	24	24	" "	" " " " 21 "	
50742	4th "	24	2	24	24	24	24	24	24	" "	" " " " 21 "	
50743	Collective weight	20	1	20	20	20	20	20	20	" "	" " " " 21 "	
50742	Stream	23	2	23	23	23	23	23	23	Rodgers & Co.	" " " " 21 Dec. 03	
50741	Kedge	12	2	12	12	12	12	12	12	" "	" " " " 21 "	

CHAIN CABLES.

Number of Certificate.	Fathoms.	Size.	WEIGHT OF CHAIN CABLE.		Fathoms.	Description.	Makers of Cables.	When and where tested, and Superintendent.	Material.	Fathoms.	Size.	Breaking Test of Steel Wire Towing.	Fathoms and Size per Table 22.
			Supplied.	Per Table 22.									
36160	150	2 1/2	103.72	103.72	103.72	300 x 2 1/2	King's Dockyard	25 Dec. 03	Steel	130	6	85	130 x 6
36172	150	2 1/2	103.72	103.72	103.72	300 x 2 1/2	King's Dockyard	25 Dec. 03	Steel	130	6	85	130 x 6
120	5 1/2	65	120	120	120	120 x 5 1/2	King's Dockyard	25 Dec. 03	Steel	120	6	85	120 x 6

Boats 4 Steel Life boats, 10 Wood Life boats, 4 Wood Cutters, and 1 Collapsible boat. Total 15.

Pumps, Number 9

Windlass is *Wiemers Patent Steam* Capstan

Engine Room Skylights. How constructed? *of plates and angles.*

What arrangements for deadlights in bad weather? *Solid top with bulls' eyes.*

Coal Bunker Openings. How constructed? *Side ports*

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. *Scuppers and freeing ports 36 x 12 in. in well ca. side*

Ceiling in Holds, thickness and material *2 1/2 in. B. pine outside ways, 2 in. B. pine inside ways, 2 in. B. pine between decks, thickness and material 6 x 2 spruce.*

Cargo Hatchways. How formed? *of plates and angles.*

State size No. 1 Hatch (Forward) *9' 4" x 14' 0"* No. 2 Hatch *23' 4" x 15' 0"* No. 3 Hatch *12' 0" x 14' 0"* No. 4 Hatch *12' 0" x 14' 0"*

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *one shifting beam in No. 1, 3 & 4; two webs in No. 2, and 3 fore & afters in all.*

No. of Breasthooks *6* side floors No. of Crutches *6* side floors

Bulwarks, height above deck and description *Steel 20 height 4' 9"* Main Rail, material and size *6 1/2 x 3 1/2 x 5* Bulwark angle *combustible*

The above is a correct description.

Builder's Signature *For Harland & Wolff Ltd.* Surveyor's Signature *James Curran*

Builder's Name *Harland & Wolff Ltd.* Surveyor's Name *James Curran*

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case)

M 27/1/03. 18-4-04

Workmanship. Are the butts of plating planed or otherwise fitted? *planed where butted, but mostly overlapped.*

Is the riveted work properly closed? *Yes.*

Are the liners between the frames and plates solid single pieces? *Yes.*

Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *Yes.*

Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? *Yes.*

Do any rivets break into or through the seams or butts of plating? *very few.*

Are the butts of Plating, Stringers, &c., properly shifted and strapped? *Yes.*

Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par. 24)? *Yes*

State results of tests *Satisfactory*

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *Yes*

State results of tests *Satisfactory*

General Remarks (State quality of workmanship, &c.)

*This vessel has been built under Special Survey, in accordance with the approved plans, the Secretary's letters above quoted and in conformity with the Rules.*

*The workmanship and materials are good throughout.*

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop and R. D. or Break *ft. Bridge Dk. 315 ft., F' castle 69 ft.*

(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated. *The poop is joined to the B.D.*

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) *3 Dks (Stl.) 3 to 13. Upper Dk teak sheathed where exposed.*

Official No. *361* Signal Letters

How are the surfaces preserved from oxidation? Inside *Portland cement & paint* Outside *paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors *Cellular system*

Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.
Double bottom, aft,	112	313	Fore peak tank,		24
Double bottom, under Engines and Boilers,	96.5	425	After peak tank,		20
Double bottom, if under Engines only,			Midship deep tank,	43	1115
Double bottom, if under Boilers only,			Other tanks, if fitted,		
Double bottom, forward,	190.5	529	(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules *Yes.*

Order for Special Survey No. 450

Date *9 Oct 1903*

No. *361* in builder's yard.

DATES OF SURVEYS held while building

1903. Apr. 20. May 7. 19. June 5. 11. 18. 29. July 3. 7. 10. 21. 28. 31. Aug 7. 28.

Sep. 14. 17. 10. 18. 23. 28. Oct. 5. 9. 14. 19. 21. Nov. 2. 5. 10. 17. 19. 23. 25. 31.

Dec. 3. 5. 11. 16. 22. 1904 Jan. 5. 13. 16. 21. 27. Feb. 1. 5. 8. 15. 22. 24. 26. Mar. 14.

8. 14. 18. 21. 28. 31. Apr. 8. 12. 18. 22. 27. May 4. 12. June 7. 9. 10. 15. 29. July 19. 29. Aug.

8. 17. 19. 22. 24. 26. 31. Sep. 2. 3. 5. 6. 7. 9. 12. 14. 16. 17. Total No. of Visits *91*

The amount of Entry Fee.....£ 5:0:0

Special Survey Fee.....£ 218:16:6

Travelling Expenses, if any £.....

Fees applied for, *19/9 1904*

Received by me, *287 1/2*

Certificate to be sent to *This Office*

State whether the Vessel has been built under Special Survey *Yes*

I am of opinion this Vessel should be Classed *\* 100 A. Steel*

With, or without Freeboard, as condition of Class *Without*

Committee's Minute

Character assigned *100 A (Steel)*

*Lloyds & Co. + L.M.B. 9.04*

*elec light*

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